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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XV, No. 8 HELENA INDEPENDENT-RECORD HELENA, MONTANA **August, 1967**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of August, 1967, averaged 94,063 barrels daily, an increase of 1,861 barrels from the average July production of 92,202.

The nine refineries in state processed 112,673 barrels of crude oil daily for the month of August, 1967, a decrease of 2,009 barrels from the 114,682 barrels processed daily during the month of July, 1967.

During August, 47 wells were completed, 17 oil, 0 gas wells and 30 dry holes.

During August, the commission issued 103 permits to drill new wells, an increase of 52 from the 51 permits issued during July.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA
MONTH OF AUGUST, 1967

IN STORAGE AUGUST 1st	
By Producers	339,981
By Transporters	1,279,902
By Refiners	641,335
TOTAL STORAGE	2,261,218
Produced in Montana During Month	2,915,955
Imported During Month	2,551,420
TOTALS	7,728,593
DISPOSITION:	
Refined in Montana	3,492,886
Exported	2,071,853
Used for Fuel or Lost	8,794
TOTAL	5,573,533
IN STORAGE AUGUST 31st	
By Producers	328,208
By Transporters	1,225,921
By Refiners	600,931
TOTAL STORAGE	2,155,060

NATURAL GAS WITHDRAWALS IN MONTANA
Month of August, 1967

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	35,100
Bowdoin	67,561
Bowes	49,165
Cabin Creek	114,008
Cedar Creek	101,740
Cut Bank (Including Reagan)	745,120
Devon	0
Dry Creek	1,518
Elk Basin	110,321
Flat Coulee	928
Gold Butte	0
Golden Dome	0
Grandview	689
Hardin	3,288
Keith Block	44,571
Kevin Sunburst	23,627
Lake Basin	110,682
Middle Butte	798
Mt. Lilly	0
Pine	74,945
Plevna	12,258
Utopia	69,423
Whitlash	26,179
Miscellaneous	209,896
TOTAL	1,801,817

Total withdrawals for August, 1966 were 2,790,600

PRODUCERS REPORT—MONTH OF AUGUST, 1967

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	5	581	4,434	----------	4,317	----------	698
1	Bannatyne	1	589	640	----------	640	----------	589
4	Bear's Den	5	2,206	1,350	----------	2,327	----------	1,229
2	Bell Creek	2	1,055	25,426	----------	25,136	297	1,048
1	Benrud	1	294	1,012	745	----------	----------	561
1	Benrud East	1	454	7,375	6,837	----------	----------	992
1	Benrud Northeast	1	837	11,788	11,986	----------	----------	639
...	Berthelote	----------	394	----------	----------	----------	----------	394
6	Big Wall	22	1,449	24,002	22,779	----------	----------	2,672
6	Blackfoot	9	1,416	3,356	1,119	1,997	83	1,573
...	Blackfoot East	----------	40	----------	----------	----------	----------	40
4	Border	6	----------	1,407	----------	1,407	----------	----------
1	Bowes	50	5,105	14,807	16,852	----------	----------	3,060
2	Bradley	2	1,028	846	1,197	----------	----------	677
...	Brady	----------	322	----------	----------	----------	----------	322
...	Bynum	----------	219	----------	----------	----------	----------	219
2	Cabin Creek	104	6,679	302,133	300,018	----------	----------	8,794
15	Cat Creek	73	2,216	17,205	13,758	2,895	183	2,585
1	Clark's Fork	1	164	163	----------	165	----------	162
2	Conrad South	2	662	1,044	1,044	----------	----------	662
1	Cupton	1	1,585	1,111	----------	1,328	----------	1,368
187	Cut Bank	976	87,049	282,826	276,706	4,223	88	88,858
2	Deer Creek	3	1,344	2,787	3,402	----------	----------	729
1	Delphia	1	650	435	----------	779	----------	306
1	Devil's Basin	1	553	46	----------	----------	----------	599
...	Dry Creek	----------	69	----------	----------	----------	----------	69
14	Dwyer	15	6,335	24,041	24,478	----------	----------	5,898
4	Elk Basin	58	2,290	245,117	245,062	----------	----------	2,345
5	Elk Basin Northwest	14	1,762	11,327	10,960	----------	----------	2,129
4	Fairview	4	4,010	37,692	24,641	12,498	----------	4,563
2	Fertile Prairie	2	580	1,401	877	----------	----------	1,104
23	Flat Coulee	30	4,855	17,225	16,533	----------	----------	5,547
39	Flat Lake	56	6,688	87,001	88,138	----------	----------	5,551
1	Flat Lake South	1	459	1,501	1,186	----------	----------	774
2	Frannie	2	----------	1,081	----------	1,081	----------	----------
18	Fred & George Creek	34	2,574	100,577	95,515	4,535	----------	3,101
2	Gage	2	541	536	----------	237	1	839
...	Gage Southwest	----------	4	----------	----------	----------	4	----------
4	Gas City	23	6,598	40,674	42,298	----------	----------	4,974
9	Glendive	12	2,136	44,979	35,014	9,294	----------	2,807
21	Goose Lake	27	4,735	67,074	66,196	----------	----------	5,613
9	Graben Coulee	27	5,413	10,678	9,658	1,945	----------	4,488
...	Grandview	----------	528	----------	----------	----------	----------	528
3	Gypsy Basin	5	2,382	361	883	558	135	1,167
4	Hiawatha	4	1,682	11,074	----------	9,770	----------	2,986
1	Hibbard	1	443	261	----------	----------	----------	704
6	Ivanhoe	10	2,027	14,394	14,794	----------	----------	1,627
9	Keg Coulee	26	4,800	24,496	23,394	----------	143	5,759
3	Keg Coulee North	3	1,476	1,373	1,822	----------	----------	1,027
1	Kelley	2	714	12,131	12,069	----------	----------	776
107	Kevin Sunburst	578	18,351	36,163	36,483	2,547	50	15,434
1	Little Beaver	29	----------	32,656	32,656	----------	----------	----------
2	Little Beaver East	14	2,320	19,355	19,257	----------	----------	2,418
3	Lodge Grass	3	1,879	2,866	----------	3,443	----------	1,302
24	Lookout Butte	77	5,759	148,947	149,882	----------	158	4,666
...	Mackay Dome	----------	1,095	----------	----------	----------	----------	1,095
2	Mason Lake	2	411	1,467	1,306	----------	----------	572
2	Melstone	4	1,342	2,320	2,719	----------	----------	943
1	Mineral Bench	1	663	1,483	1,530	----------	----------	616
2	Miner's Coulee	6	361	1,386	----------	1,441	----------	306
8	Monarch	14	4,775	31,159	31,443	----------	----------	4,491
4	Mosser	4	----------	788	----------	788	----------	----------
6	Outlook	11	7,145	29,710	30,361	----------	----------	6,494
2	Outlook South	2	666	2,079	1,727	----------	----------	1,018
2	Outlook West	2	1,104	7,501	1,535	5,798	----------	1,272
71	Pennel	119	5,142	162,871	161,431	----------	----------	6,582
4	Pine	126	16,713	329,160	328,623	----------	490	16,760
3	Pole Creek	4	2,208	2,737	----------	4,276	----------	669
72	Pondera	287	8,060	29,458	29,996	----------	----------	7,522
4	Poplar	68	10,290	60,731	61,557	----------	5	9,459
4	Poplar Northwest	5	2,505	1,844	2,956	----------	----------	1,393
2	Prairie Elk	2	452	1,885	----------	1,267	----------	1,070
4	Ragged Point	13	2,921	13,780	13,878	----------	----------	2,823
4	Ranch Creek	4	1,413	4,294	----------	3,570	11	2,126
1	Rattlesnake Coulee	1	762	1,095	1,512	----------	----------	345
4	Reagan	45	1,242	21,587	21,719	----------	----------	1,110
1	Red Creek	26	----------	28,295	27,890	405	----------	----------
1	Red Fox	1	344	11,455	11,438	----------	----------	361
1	Redstone	1	846	4,739	4,751	----------	----------	834
1	Repeat	1	884	1,787	----------	2,135	----------	536
3	Reserve	3	1,030	35,483	----------	36,165	----------	348
1	Richey	1	730	429	554	----------	----------	605
6	Richey Southwest	8	1,017	8,080	8,284	----------	----------	813
6	Sand Creek	9	3,232	14,797	15,564	----------	----------	2,465
1	Shotgun Creek	1	390	718	----------	846	----------	262
3	Sidney-Brorson	3	1,372	2,931	----------	2,817	----------	1,486
3	Smoke Creek	3	1,141	7,429	----------	7,279	----------	1,291
...	Snyder	----------	951	----------	----------	----------	----------	951
6	Soap Creek	16	4,247	6,333	----------	8,092	----------	2,488
1	Spring Lake	2	2,777	2,596	----------	4,121	----------	1,252
2	Stensvad	24	3,749	30,282	31,147	----------	----------	2,884
32	Sumatra	86	10,327	60,065	60,324	----------	----------	10,068
5	Tule Creek	7	2,874	39,544	----------	39,551	----------	2,867
2	Tule Creek East	2	626	24,125	----------	24,045	----------	706
2	Tule Creek South	3	1,787	9,669	8,788	1,349	85	1,234
2	Vida	2	910	1,987	2,029	----------	----------	868
4	Volt	6	1,442	18,524	17,588	----------	----------	2,378
3	Weed Creek	5	1,249	23,447	20,396	2,337	38	1,925
5	Weldon	15	1,328	124,148	123,843	----------	----------	1,633
19	Whitlash	31	7,971	22,458	23,078	----------	----------	7,351
3	Whitlash West	3	484	1,925	1,901	----------	----------	508
2	Wills Creek South	2	752	7,478	7,569	----------	----------	661
7	Wolf Springs	10	5,814	12,701	13,905	----------	----------	4,610
4	Woodrow	5	1,288	4,504	5,383	----------	----------	409
1	Wildcat, Carbon Cty	1	837	129	----------	140	----------	826
2	Wildcat, Glacier Cty	2	253	913	----------	915	6	245
1	Wildcat, Richland Cty	1	1,361	2,287	----------	1,284	835	1,529
1	Wildcat, Roosevelt Cty	1	397	188	----------	409	----------	176
897	Total	3,327	339,981	2,915,955	2,684,964	240,152	2,612	328,208

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1966	35,380,118	96,931	35,353,673	96,859
First Quarter, 1967	8,269,076	91,878	8,253,252	91,702
Second Quarter, 1967	8,227,117	90,407	8,237,583	90,522
July, 1967	2,858,289	92,202	2,848,554	91,888
August, 1967	2,915,955	94,063	2,925,116	94,358

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1966	337,546	1,034,375	584,580	1,956,501
March, 1967	345,817	1,086,767	636,377	2,068,961
June, 1967	332,175	1,232,696	846,701	2,411,572
[illegible]y, 1967	339,981	1,279,902	641,335	2,261,218
[illegible]ugust, 1967	328,208	1,225,921	600,931	2,155,060

* Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF AUGUST, 1967

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			4,317				4,317		
BANNATYNE—Truck			640			640			
BEAR'S DEN—Truck			2,327					2,327	
BELL CREEK—									
Western Crude Oil, Inc.			25,136				25,136		
BIG WALL—									
Continental Pipeline Co.		22,779				22,779			
BLACKFOOT—									
Camerland Cardinal Corp.			1,997					1,997	
Union Oil Co.		1,119				1,119			
		1,119	1,997			1,119		1,997	
BORDER—Truck			1,407				1,407		
BOWES—Texaco		16,852				16,852			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	378,133	800,000	14,024	900,000			1,714,024		378,133
Shell Pipeline Co.	5,816	343,000						343,000	5,816
	383,949	1,143,000	14,024	900,000			1,714,024	343,000	383,949
CAT CREEK—									
Continental Pipeline Co.		13,758				13,758			
Truck			2,895			2,895			
		13,758	2,895			16,653			
CLARK'S FORK—Truck			165				165		
CUT BANK—									
Continental Pipeline Co.			15,654	429,629				445,283	
Phillips Petroleum Co.	107,862	61,692		84,072	566	124,112		37,200	91,748
Texas Pipeline Co.	44,195	100,880		19,702	222			133,912	30,643
Union Oil Co.	121,353	60,556		23,479	715	113,727			90,946
Western Oil Trans. Co.		53,203						53,203	
Western Oil Trans. (Moulton)		54,033						54,033	
	273,410	330,364	15,654	556,882	1,503	237,839		723,631	213,337
DELPHIA—Truck			779			779			
DWYER—Portal Pipeline Co.		24,348					24,348		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		256,015				256,015			
FAIRVIEW—									
Rock Island Oil & Ref. Co.			12,498				12,498		
FLAT COULEE—									
Camerland Cardinal Corp.		15,589						15,589	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		81,843					81,843		
FRANNIE—Interstate Pipeline Co.			1,081				1,081		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	17,328	96,301				36,395		53,248	23,986
GAGE & GAGE S.W.—Truck			237			237			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	5,524	38,755			(405)			32,879	11,805
GOOSE LAKE—									
Portal Pipeline Co.		105,691					105,691		
HIAWATHA—Truck			9,770				9,770		
IVANHOE—									
Continental Pipeline Co.		14,729				11,904	2,825		
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		24,464				16,145	8,319		
KELLEY—									
Continental Pipeline Co.		12,069				12,069			
KEVIN SUNBURST—									
Big West Oil Co.	2,816	25,733				24,678			3,871
Homestake Oil & Gas Co.	908	2,080				2,044			944
Texas Pipeline Co.	6,910	15,747			212			9,095	13,350
	10,634	43,560			212	26,722		9,095	18,165
LODGE GRASS—Truck			3,443			3,443			
MASON LAKE—									
Continental Pipeline Co.		1,306				1,306			
MELSTONE—									
Continental Pipeline Co.		2,719				2,719			
MOSSER—Truck			788				788		
OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			5,798				5,798		
POLE CREEK—Truck			4,276				4,276		
PONDERA—Phillips Petr. Co.	57,439	31,755			686	33,029			55,479
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	14,740	204,399			27			203,614‡	15,498
RAGGED POINT—									
Continental Pipeline Co.		14,900				1,587	13,313		
RANCH CREEK—									
Rock Island Oil & Ref. Co.			3,570				3,570		
RED CREEK—									
Western Oil Transportation Co.		33,833						33,833	
RESERVE—Truck			36,165				36,165		
SHOTGUN CREEK—Truck			846				846		
SIDNEY-BRORSON—Truck			2,817					2,817	
SMOKE CREEK—									
Rock Island Oil & Ref. Co.			7,279				7,279		
SOAP CREEK—Truck			8,092			8,092			
SPRING LAKE—									
Rock Island Oil & Ref. Co.			4,121				4,121		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	507,503	85,663		627,379	2,884	70,260		653,101	494,300
TULE CREEK—									
Tesero Petr. Corp.	9,375		64,945			64,918			9,402
WEED CREEK—									
Truck			2,337			2,337			
Continental Pipeline Co.		20,396				20,396			
		20,396	2,337			22,733			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		25,378				21,728		3,650	
WOLF SPRINGS—									
Continental Pipeline Co.		13,907				13,907			
WILDCAT WELLS—Truck			2,748				2,748		
TOTALS	1,279,902	2,675,492	240,152	2,084,261	4,907	899,870	2,070,328	2,078,781	1,225,921

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF AUGUST, 1967

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall				22,779						22,779
Bowes			18,220							18,220
Cat Creek		9,398		4,392		2,863				16,653
Cut Bank							125,637		93,354	218,991
Delphia						407				407
Elk Basin		103,601		64,872	87,542					256,015
Flat Coulee									16,533	16,533
Fred & George Creek	36,395									36,395
Gage & Gage S.W.						406				406
Hibbard						87				87
Ivanhoe		11,904								11,904
Keg Coulee		2,366		13,779						16,145
Kelley					12,069					12,069
Kevin Sunburst	28,345									28,345
Lodge Grass		3,443								3,443
Mason Lake		1,306								1,306
Melstone				2,719						2,719
Pondera							33,029			33,029
Ragged Point		764		1,587						2,351
Red Creek					27,890					27,890
Sand Creek						701				701
Soap Creek		8,092								8,092
Sumatra & Stensvad		14,447		55,813	15,777					86,037
Tule Creek								64,918		64,918
Weed Creek					22,733					22,733
Whitlash	21,728									21,728
Wolf Springs					11,570					11,570
Total Montana Oil	86,468	155,321	18,220	165,941	177,581	4,464	158,666	64,918	109,887	941,466
Canadian Oil Imported		429,629								429,629
Wyoming Oil Imported		451,478		532,634	1,137,679					2,121,791
Total Montana, Canadian, and Wyoming Oil	86,468	1,036,428	18,220	698,575	1,315,260	4,464	158,666	64,918	109,887	3,492,886

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1966	29,111	12,832	49,643	91,586
August, 1966	30,033	11,385	55,415	96,833
August, 1967	30,369	13,860	68,444	112,673

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1966	31.78%	14.02%	54.20%
August, 1966	31.01%	11.77%	57.22%
August, 1967	26.95%	12.31%	60.74%